

Nanotube Publications

1. Synthesis of aligned films of carbon nanotubes, Singh C, Shaffer MSP, Windle AH, Chemistry of Materials, 2002, submitted
2. Carbon-nanofibre-reinforced poly(ether ether ketone) composites, Sandler J, Werner P, Shaffer MSP, Denchuk V, Altstädt V, Windle AH, Composites A, submitted, 2002
3. Variations in Raman peak shift as a function of hydrostatic pressure for various carbon nanostructures: a simple geometric effect, Sandler J, Shaffer MSP, Windle AH, Montes-Moran MA, Cooper CA, Young RJ, Halsall MP, Phys. Rev. B, submitted, 2002
4. Electrochemical capacitance of nanocomposite films formed by coating aligned arrays of carbon nanotubes with polypyrrole, Hughes M, Shaffer MSP, Singh C, Chen GZ, Fray DJ, Windle AH, Advanced Materials, Vol. 14, No. 5, 2002.
5. Production of aligned carbon nanotubes by the CVD injection method, Singh C, Shaffer M, Kinloch I, and Windle A, Physica B, 2002, accepted
6. Electrochemical capacitance of a nano-porous composite of carbon nanotubes and polypyrrole, Hughes M, Chen GZ, Shaffer MSP, Fray DJ, Windle AH, Chemistry of Materials, 2002, accepted
7. Doping and electrochemical capacitance of carbon nanotube-polypyrrole films, Hughes M, Chen GZ, Shaffer MSP, Fray DJ, Windle AH, MRS Proc, 703, 2001
8. Carbon-Nanofiber-Filled Thermoplastic Composites, Sandler J, Shaffer MSP, Lam YL, Windle AH, Werner P, Altstädt V, Nastalczyk J, Broza G, Schulte K, Keun C, MRS Proc 706, 2001
9. Carbon nanotube and polypyrrole composites: coating and doping, Chen GZ, Shaffer MSP, Coleby D, Dixon G, Zhou W, Fray DJ, Windle AH, Advanced Materials, 2000, Vol.12, No.7, 522-526
10. Electronic interaction between photoexcited poly(p-phenylene vinylene) and carbon nanotubes, Ago H, Shaffer MSP, Ginger DS, Windle AH, Friend RH, Physical review. B, Condensed matter, 2000, Vol.61, No.3, 2286-2290
11. Composites of carbon nanotubes and conjugated polymers for photovoltaic devices, Ago H, Petritsch K, Shaffer MSP, Windle AH, Friend RH, Advanced Materials, 1999, Vol.11, No.15, 1281-1285
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13. Analogies between polymer solutions and carbon nanotube dispersions, Shaffer MSP, Windle AH, Macromolecules, 1999, Vol.32, No.20, 6864-6866
14. Development of a dispersion process for carbon nanotubes in an epoxy matrix and the resulting electrical properties, Sandler J, Shaffer MSP, Prasse T, Bauhofer W, Schulte K, Windle AH, Polymer, 1999, Vol.40, No.21, 5967-5971
15. Work functions and surface functional groups of multiwall carbon nanotubes, Ago H, Kugler T, Cacialli F, Salaneck WR, Shaffer MSP, Windle AH, Friend RH, J Phys. Chem. B, 1999, Vol.103, No.38, 8116-812
16. Dispersions of carbon nanotubes: polymeric analogies, Shaffer MSP, Fan X, Windle AH, Proc Polymer '99, Ed. A.K. Ghosh, Indian Institute of Technology, Delhi, 24-27
17. Dispersion and packing of carbon nanotubes, Shaffer MSP, Fan X, Windle AH, Carbon, 1998, Vol.36, No.11, 1603-1612
18. Electrolytic conversion of graphite to carbon nanotubes in fused salts, Chen GZ, Xudong Fan, Luget A, Shaffer MSP, Fray DJ, Windle AH, Journal of electroanalytical chemistry, 1998, Vol.446, No.1-2, 1-6
19. Electrochemical investigation of the formation of carbon nanotubes in molten salts, Chen GZ, Kinloch I, Shaffer MSP, Fray DJ, Windle AH, High Temperature Material, 1998, Vol. 2, No. 4, 459-469.